

ABSTRACT OF THE DISCLOSURE

5 An apparatus and process for applying finish to an
 expanded filament array in a quench system with air
 directed inward to the filament bundle. The applicator
 may be used inside or proximate quench zones in a
 radial, pneumatic, or cross-flow quench system. The
 apparatus includes a spinneret, a quench zone located
 10 below said spinneret, wherein cooling gas is directed
 inward to an expanded filament array inside said quench
 zone, and an applicator inside or below said quench
 zone, wherein the applicator contacts the filament and
 delivers the finish to the expanded filament array.